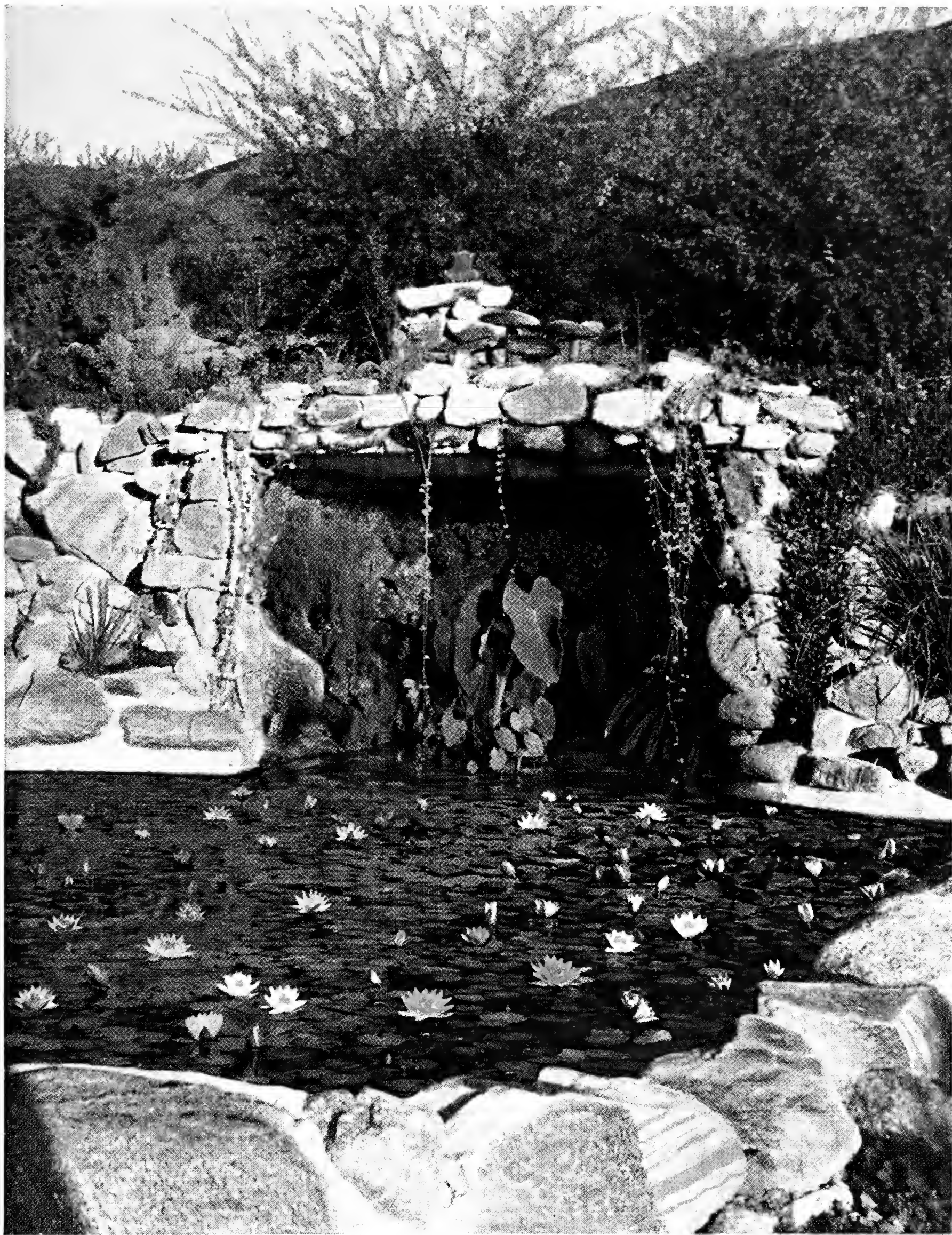


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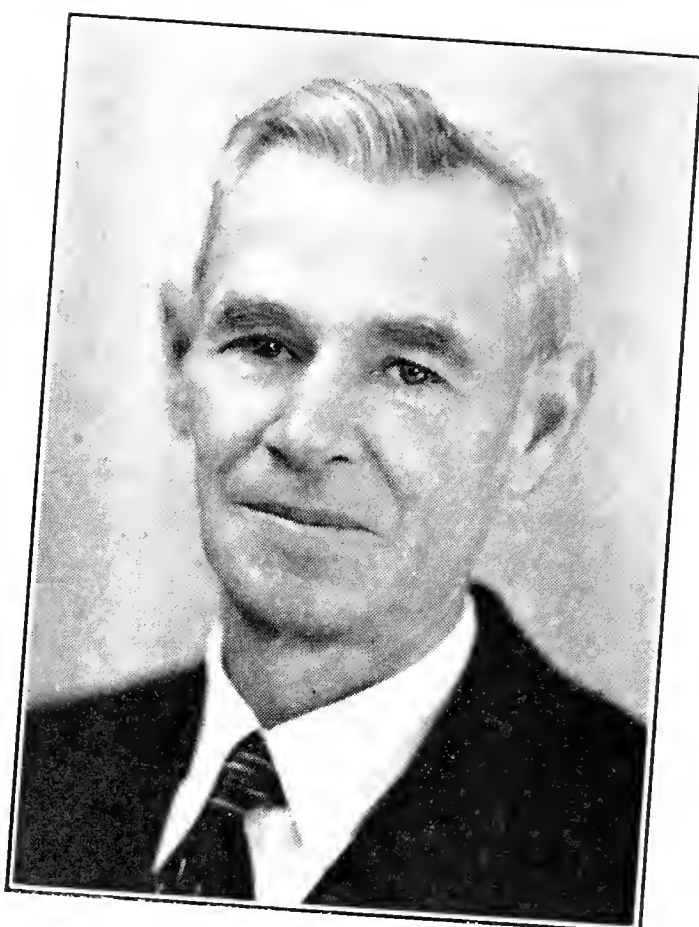
Do not assume content reflects current scientific knowledge, policies, or practices.



POOL AND GROTTO AT ENTRANCE OF

VAN NESS WATER GARDENS
UPLAND, CALIF.





To our many friends and patrons we extend greetings.
Dear friends;

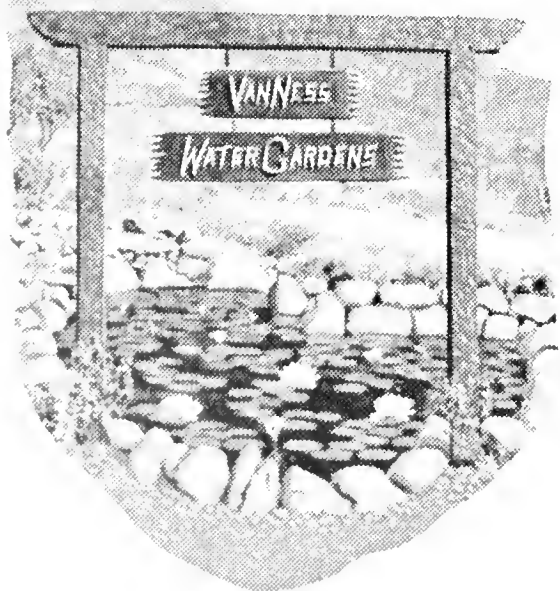
In publishing our new catalogue we wish to express our sincere appreciation to our numerous customers, near and far who have shown your faith in us; and we wish to assure you that we are better equipped to give satisfactory service than ever before. We are offering many new plants, besides some of the newer varieties of water lilies, and we only wish it were possible for you to visit our Gardens in person, so that you could see for yourself the care we give each order that leaves our Gardens.

We look upon each order we receive as a special trust to be guarded with greatest care until you receive same and are satisfied with each item ordered.

We wish to thank our many customers for the splendid letters you have written regarding the plants shipped, and to assure you that our greatest pleasure is in knowing that you are enjoying the plants ordered from us, and trust that each new order we receive will bring joy into the hearts of each and every one of you.

Most sincerely yours,

R E Van Ness
Mrs R. E. Van Ness



Water Lilies

Have you ever noticed that, no difference what the beauty of the garden may be, in harmony of planting, in beauty of landscaping, the visitor drifts to the Water Lily pool and there lingers, unable to break away from the charm and quiet found only there. There one may admire the beauty of the Lilies, and watch the fish as they swim lazily by; and, as many have told us: "Forget the trials and worries of everyday life."

Any One May Have a Water Garden

If you live in an apartment you may enjoy the pleasure of a water garden. Purchase a dishpan and put in about three inches of soil and plant Water Poppy, Water Hyacinth, Water Snowflake and some of the Water Grasses, and place in a sunny window and you will be pleased with the results. Two or three fish will do well in this environment. Then you may have a real beauty spot by making a **Tub Garden**. The one illustrated below has a group of 5 barrels and is one of the most attractive spots one can imagine.

Saw barrels in two and apply a heavy coat of Asphaltum paint **inside and out** to preserve the wood. Sink barrels in soil and pile rock around them to hide the barrels. There are a number of Hardy Lilies that do well in this space; among them being the Paul Hariot, Aurora, Pink Opal, and the Helvola Pygmy Lilies.

In the Tropics, the Panama Pacific, Henry Shaw, and Dauben do well. Then there are so many water plants that do well in a small space that there is no end to the possibilities of this type of Water Garden. This one was worked out with a Rock Garden and the following plants used to complete the picture. Lemon Day Lily, Fountain Grass, Aloes, Kalanchoes, Portulacaria and different varieties of Sedums, of which we have arranged several collections for your convenience.



Part of a group of 5 Tub Gardens, combined with Rock Garden, Planted with Tropic Lilies and Succulents

Tub Garden Collection No. 1

Aurora Water Lily
4 varieties of Water Grass
Papyrus
Fountain Grass
Postpaid.....

\$1.25

Tub Garden Collection No. 2

Panama Pacific
Primrose Willow
4 varieties Submerged Plants
4 Poolside Plants (our selection)
Postpaid.....

\$2.25

ROCK GARDEN COLLECTIONS LISTED WITH CACTUS AND SUCCULENTS.

BEST EVER RECEIVED

Van Ness Water Gardens

Dear Sirs: My tub garden has done exceptionally well this summer and all the plants received from you are the strongest and finest quality one could ask for. I can certainly recommend your products, as the plants were the best I have ever received from any company. You may use this letter for reference or publication if you desire, as I am very glad to help you in any way possible, as I can truthfully do so.

Assuring you of future orders, I remain,

Truly yours,

DR. N. M. WARY, Newman Grove, Neb.



Dr. Wary's Gardens—Planted with Collection No. 1.

Poolside Plants Including Fountain Grass and Papyrus

Every One Loves the Hardy Lilies

Water Lilies are found growing wild in almost every country on the globe, in colors of red, blue, white, pink, and yellow.

Hybridists have improved on these until there are now more than 150 varieties, including Tropics. There are no blue Hardy Lilies.

The Hardy Lilies are among the easiest grown of any flower. After planting they need no attention except to keep the water level right and break off dead leaves. They grow in a wonderful array of colors and shapes and are a source of constant joy to all who grow them.

California Water Lilies have the advantage of our long, warm summers and put on a marvelous growth during this period, and while they are dormant they have not been subjected to severe cold and have stored up an abundance of strength, bursting into bloom soon after being planted in your pool. Shipments of our Lilies are in bloom shortly after being planted, as many satisfied customers have assured us. We have the choicest of the many varieties, at very attractive prices.



The Gorgeous Sunrise Lily is Shown Here, With Its Countless Blossoms

YELLOW

Sunrise. This magnificent Lily with its crepe-like blossoms is in a class by itself in the Hardy Lily family, having two characteristics no other one has. It stands well above the water on graceful, slender stems, and the petals are crinkled like a chrysanthemum. It is an excellent bloomer from early spring until frost comes and is much admired by every one seeing it. **\$1.95**

Chromatella (Marliac yellow). Bright yellow blossoms with broad curving petals. It blooms the entire season, producing an endless succession of large blossoms. The leaves are handsomely splotched and the plant a vigorous grower. **\$1.00**

Pygmaea Helvola. This Lily has small yellow flowers that float on the surface of the water. They are about two inches in diameter. The leaves are small, beautifully mottled with brown spots, the under side of a reddish, green color. The plant flowers freely and is well adapted to tub culture **75c**

Sulfura Odorata. A sharp petaled Lily of the Odorata type. A fair bloomer and resembles the Tropical Lilies in shape. **\$1.25**

Mexicana. The wild Lily of Mexico. Blooms only in the early part of the season. Increases from runners like a strawberry. **50c**



Another Group of Pools in Our Water Gardens. The One in the Foreground
Features the Paul Hariot Hardy Lily

SUNSET VARIETIES

Comanche. The best of all the sunset Lilies. Brilliant orange-red; the color deepens with age, to a dark, warm red. The best bloomer of all the sunset colors, and a sturdy growing variety but will adapt itself to a small space. This Lily has bloomed steadily for ten months in our gardens **\$1.50**

Paul Hariot. This Lily is most pleasing, as the first day of opening the petals are a soft, yellowish pink, becoming darker each day, from orange pink to almost deep red on successive days. We consider it one of the choicest varieties, and recommend it for tub gardens. **\$1.25**

Indiana. A free growing variety, bearing beautiful copper-yellow flowers tinged with pink, deepening to copper-red on succeeding days. A remarkable plant producing a constant succession of color changes in its freely produced flowers **\$1.25**

Lucidia. A good bloomer, opening a soft creamy pink, which deepens to almost red. The leaves are splotched with dark red. **\$2.00**

Chrysanta. A very fine quality for the tub garden, as the leaf spread is small. The flowers open a soft yellow, which deepens with age to almost a vermillion. Especially adapted to the small pool **\$1.50**

Sioux. This Lily can easily be mistaken for the Comanche, but is somewhat smaller in growth, so can be used to better advantage in a small pool **\$1.25**

Aurora. A very changeable colored Lily, opening a rich yellow, deepening through orange-red to dark red as the flower ages. If you only have room for one Lily you will be pleased with this one, as you may have as many as five shades at one time. Does not grow large, making it suitable for small pools **\$1.00**



The Immense
Conqueror Hardy Lily

RED

Conqueror. One of the most beautiful Lilies grown. The immense flowers are a deep crimson, shaded towards the ends of petals to a deep pink. Sepals are almost white, stamens very long and profuse, of a bright yellow making a strikingly beautiful contrast. This is a continuous bloomer during the entire season.....\$1.75

Robinsonii. This is an old favorite with water gardeners, and deserves a place in every pool. Flowers are a bright, coppery red with orange stamens, making it a vivid color. It is a constant bloomer, with beautiful variegated foliage. You will make no mistake in choosing this variety.....\$1.50

Escarboucle. The most brilliant red of all Lilies. Bright, intense red, deepening to crimson, with garnet stamens. One of the hardiest of Lilies, also one of the best.....\$2.00

Gloriosa. All that the name implies. The flowers are above the average in size, fiery red in color. Will do splendidly in a tub, blooming freely even in crowded quarters. Blooms soon after planting and continues over the entire summer. One plant will have many blossoms at one time.....\$1.75

James Bryden. In this Lily we have a very fine hardy variety. The flowers measure from four to six inches across. The petals are broad, concave and incurving, giving the flower a fine cup shape. The color is a rich, rosy crimson, while the reverse of the petals has a silvery sheen. This variety will adapt itself to any sized pool.....\$2.00

Nymphaea Ladyker. A small growing Lily, producing flowers of a carmine, rose color, darker toward the center. The center petals are a bright rose color, and stamens orange-red. This Lily blooms continuously the whole season and is fine for tubs or small pools.....\$1.25

Attraction. This Lily is truly an attraction to any pool. The petals are a garnet red and as the flower ages, it becomes richer in color. The stamens are a rich mahogany, shading to almost yellow. Cannot be fully described.....\$2.50

Red Laydeker. A bright red dwarf, and good bloomer. Blossoms are somewhat larger than other Laydeker varieties.....\$2.00

Newton. Very large, star shaped flowers, almost vermillion in color, different from most red Lilies.....\$2.25

William Falconer. The darkest red of all Water Lilies, being a velvety black-red. Leaves green, maroon spotted.....\$3.50

Flaming Meteor. All its name implies. A flaming red Lily with crinkled petals. Garnet stamens. Sturdy grower and good bloomer.....\$2.50

Picciola. A dark crimson variety, standing well above the water and in several ways distinctly different from other red Lilies. The leaves are spotted with red; plant a vigorous grower.....\$2.50

Arethusa. Flowers are large with broad petals, deep crimson in color with velvety sheen. Sepals are lighter. Somewhat the shape of James Bryden and almost as deep in color as William Falconer.....\$2.00

Nymphaea Andreana. Produces flowers of a dark red color, shaded with yellow. The leaves are blotched with chestnut brown. The plant blooms freely and is a very desirable variety for small pools.....\$1.00

PINK (ODORATA)

Rose Arey. The blossoms are a bright, cerise pink, having pointed petals with a noticeable curl, that give the so much desired shaded effect. A very sweet scented Lily. The leaves have quite a reddish cast.....\$1.25

Pink Opal A deep, rich pink Lily with buds that are almost round and open into a flower that is cup shaped and stands above the water. Very sweet scented and a good variety for the tub garden; also good for cutting.....75c

Venusta. The flowers are of a good size, with a charming cup shape, standing above the water on stout stems, and has a delightful fragrance. A free and vigorous grower.....\$2.00

Eugene de Land. A very charming, sweet scented variety belonging to the Odorata group, with soft pink petals which are pointed.....\$1.25

Odorata type of Lilies have very slender roots and are usually rather shy bloomers.

OTHER PINK VARIETIES

Marliac Carnea. Opening early in the morning, this Lily is of wonderful size, the coloring a soft shell pink of exquisite delicateness. The long blooming season, the flowers of lasting quality, its beautiful leaves tinged with red, make it one of the most popular Lilies grown.....**75c**

Sumptuosa. This variety is exceedingly beautiful and attractive, the flowers being very large, double and fragrant. The outer petals are a light rose, deepening toward the center. Deep orange stamens complete the coloring of this excellent Lily.....**\$1.50**

Masaniello. The flowers of this variety are very fragrant. The plant is a free grower and needs plenty of room. The flowers are a rose-pink, dotted with carmine and the sepals are white, making a wonderful contrast. You will not be disappointed in this Lily.....**\$1.00**

Neptune. A free flowering variety. The velvety blossoms are indeed lovely. Deep pink is the predominating color, the base of the petals being a dark shade of pink, and the tips much lighter in shade. Garnet stamens make a striking contrast.....**\$2.00**

Rene Gerard. The flowers of this variety often reach the enormous size of 10 inches across and are a deep rose in color. The petals are very numerous and curl at the edges. Is star shaped.....**\$2.50**

Splendida. A rich, strawberry pink Lily, blooming the entire season; becoming darker toward fall, becoming almost a deep red.....**\$1.50**

Formosa. Immense soft pink blossoms, quite fragrant. Blooms continually.....**\$2.75**

Wilfron Gonners. Very double pink Lily, resembling Gonners in size and shape.....**\$2.00**

Mme. Julian Chiffлот. A mammoth, star shaped Lily, with soft pink petals and yellow stamens. One of the most beautiful of the pink hardies **\$3.00**

Amabilis. Amabilis means pleasing and you will surely be pleased with this Lily. It is very similar to Mme. Chiffлот, being star shaped, but is a larger Lily. The bright pink blossoms are hard to describe for beauty, and the plant is a free bloomer.....**\$3.00**

Morning Glory. An exquisite, soft pink Lily, particularly beautiful as they first open in the morning, being so waxy in appearance. The blossoms are very large and freely borne.....**\$1.50**

Wm. Dougue. This soft shell pink Lily is very similar to Marliac pink. Is a free bloomer and vigorous grower.....**\$1.25**

Unique Collection

- Sacred Lotus
- Conqueror Lily (red)
- Comanche (sunset)
- Papyrus
- Azure Hyacinth
- Water Hawthorne
- Iris (purple and yellow)
- Anacharis
- Parrots-feather

NOTE. This collection contains the sacred Lotus and cannot be shipped after June 1.

Postpaid.....**\$4.50**



Papyrus, Umbrella Palm, Water Canna and Azure Pickerel Plant Are Featured in This Display Pool. Fountain Grass at Margin of Pool

WHITE

Marliac Albida. (Marliac white). Large dazzling white blossoms, with yellow stamens, and quite fragrant. The sepals are pink. The plant is of free growth and blooms the whole season. The leaves are large, green above and pink underneath. **75c**

Gladstone. A fine Lily of beautiful form and robust growth. The flowers are of purest white, cup shaped and very large. The leaves are inclined to stand above the water. **\$1.00**

Albe Candidissima. One of the largest Lilies, with deep green strong growing foliage. Large cup shaped blossoms. **\$1.25**

Gonnere. The finest of all the white Lilies. An enormous globe of snowy whiteness nestling among green pads. A very free blooming variety with small leaf spread, making it adaptable to the small pool. The blossoms average 80 petals and are the most admired of any Lily in our gardens. **\$2.00**

Virginalis. The purest white of all Water Lilies. Is of French origin, is a good bloomer and never will be common as it multiplies very slowly, **\$10.00**



Mrs. Whitson's Attractive Pool

The water and aquatic plants purchased from you have been a great source of joy to me. They were all strong, healthy plants upon their arrival, and have thrived beautifully.

I wish also to say, what a pleasure it has been to deal with you. Very sincerely,

MRS. F. S. WHITSON,
1118 Poplar St., Fresno, Cal.

Star Lilies

HOW TO GROW THEM

These Lilies are of the Tropic variety, and are among the most satisfactory of them all. They seem to thrive wherever planted and will have as high as twelve blossoms at one time, and one can reasonably expect from 100 to 150 blossoms in a season. The blossoms are star shaped and stand well above the water, and are splendid for cutting. They have a wonderful fragrance, which permeates the whole yard.

Star Lilies are shipped as sprouted tubers and in planting be sure and keep the sprouted end uppermost, covering with a half inch of soil. If planted early, must be planted in at least six inches of water. Keep away from Hardy Lilies as they start earlier than Star Lilies and will crowd them out. To carry them over winter, the tuber should be removed and stored in a box of damp sand, in a place where they will not freeze. All Star Lilies are similar in appearance except for color.



Lily Pools at Different Levels and Appropriate Planting and Accessories Add to the Beauty of Our Display Grounds

STAR LILIES

Blue Star. Is a vivid blue and a splendid bloomer. \$1.25

Red Star. A rosy red and the nearest approach to deep red of any of the day blooming Tropics. The color becomes more brilliant as the season advances \$1.50

Rose Star. This Lily is a rich rose in color, a few shades lighter than the Red Star and as free in bloom \$1.25

Pink Star. Soft, satiny pink blossoms. Intensely fragrant. One of our best bloomers \$1.25

ALL 4 VARIETIES FOR \$4.00 POSTPAID



Pink Star

Leaf Propagating Tropics

These Lilies have the interesting habit of bearing small plants on the base of the leaves. They often bloom freely when still attached to the old leaf. They are also a trifle hardier than the other tender varieties, and may be planted a little earlier than other Tropics. They are most interesting and ever-blooming.

August Koch. The fragrant blossoms are of a splendid size and deep blue in color, the sepals being a deep orchid color. It is easily established and comes into flower early and blooms continuously \$1.75

Panama Pacific. One of the finest day blooming Lilies; flowers freely, having as many as eight blossoms at one time. Flowers are a rich purple, the yellow stamens making a striking contrast. This Lily is splendid for a tub garden as it will adapt itself to its environment. Illustrated on back cover \$1.75

Amethyst. This Lily has true amethyst petals and pink sepals. Very large flowers borne freely during the entire season. The small plants often bloom when still attached to the old leaves, making a very interesting variety \$1.75

Dauben. The best known viviparous Lily. It produces small, light blue flowers, in great profusion. Fine for tub or Aquarium 75c

Patriotic Collection

A collection of red, white and blue. Will be shipped together, the Star Lily Tuber to be taken care of according to directions under "Star Lily" heading.

Gloriosa (red hardy)
Gonnere (white hardy)
Blue Star
Postpaid

\$3.50



The Whole Family Enjoys a Pool

Van Ness Special

Sunrise Lily (yellow)
Robinsonii (red)
Carnea (soft pink)
Special price, Postpaid **\$2.75**



The Mrs. Edwards Whitaker Tropic Lily. These Lilies Measure 11½ Inches Across; the Plant Being in Bloom All Summer

Tropic Lilies

Tropic Lilies are hard to describe, as there is a splendor and majesty about them that is all their own. The gorgeous blossoms stand well above the surface of the water, sending out a perfume which permeates the whole yard. Their Tropical leaves and their immense flowers giving an air of superiority to the whole surroundings. They have the wonderful shades of blue and purple found in no other Lily, and there is such a wonderful variety to choose from, that any one can find just the Lily to fit their needs. Many of the varieties will adapt themselves either to large or small pools.

We are equipped to send Lilies that have become used to the outdoor temperature, and wherever possible Lilies will be shipped in bud.

Tropic lilies should not be set out until the weather has become permanently warm, We keep in touch with weather conditions prevailing through the U.S. and ship only after the weather in your locality has reached a temperature of 70 degrees.

Should we be instructed to ship earlier we do so at customer's risk.

Mrs. Edwards Whitaker. This Lily is the largest in the day blooming class, and have been known to measure 14 inches across. The flowers are a lavender, blue on first opening, getting paler as the flower ages, closing almost pure white. The leaves are almost round, beautifully mottled with dark red. This Lily stays open almost all day..... **\$1.75**

Marmorata. A Lily similar in size and shape to Mrs. Whitaker but has deeper blue flowers and the leaves are heavier blotched with red. The blossom fades with age but keeps the blue tinge until blossom is gone..... **\$1.75**

Col. Lindbergh. Enormous deep caerulean blue flowers, carried high above the water on strong stems. Plant of strong growth..... **\$2.50**

Pennsylvania. A magnificent variety with rich blue flowers that are often 12 inches across. The buds are speckled with maroon, the stamens are tipped with blue, the cup yellow, making a striking combination. The flowers have a spicy perfume such as no other tropic has. The plant a vigorous and free bloomer..... **\$1.75**

Blue Triumph. This is all the name implies, as its huge blue flowers often measure a foot across. Commencing early and blooming throughout the entire summer, it often has four blossoms open at the same time..... **\$2.00**

Henry Shaw. A very popular Lily, being very double, with numerous stamens of blue, blending into the blue of the petals, which are of the Campanula shade of blue. Is an exact counterpart of the Gen. Pershing in shape. A very free bloomer; small plants having as many as five blossoms at the same time..... **\$1.50**

Gracilis Azurea. A beautiful star shaped flower, rising above the water twelve or fifteen inches. It blooms profusely during the entire season **\$1.50**

Wm. Stone. This is a particularly attractive violet blue Lily. The blossoms are star shaped, and the stamens yellow, tipped with blue. Opens early and is good for cutting..... **\$1.50**

Mrs. C. H. Ward. Deep pink flowers are borne on stout stems a foot above the water, and are very fragrant. The leaves are beautifully scalloped. A good Lily for cutting..... **\$1.50**

Stella Gurney. Soft, orchid pink blossoms, with long, pointed petals and yellow stamens. Intensely fragrant, and opens early in the morning, staying open all day. A very free bloomer with light green pads, ruffled at the edges..... **\$1.50**

General Pershing. This Lily is undoubtedly the finest of the pink day blooming tropics. The flowers are eight inches across and are very double. They open very early in the morning and stay open all day. The color is a deep orchid pink, with pink stamens. One of the most tender of the tropics, so should not be planted out until later than some of the other varieties..... **\$2.50**

Mrs. Sawyer. This Lily is different in color to any tropic Lily we have seen, being a deep, dull rose. It is very similar to the Henry Shaw and Gen. Pershing in shape, being very double, and has many stamens which are also dull rose. The leaves are dark green, red on underside..... **\$2.50**

Independence. Very large, bright pink flowers. Plant begins to bloom when very small, and blooms continually until frost comes. When given room makes a wonderful growth. However it will do well in a tub..... **\$1.50**

Zanzabar Rosea. A Lily similar in size and shape to the Purple Zanzabar which is well known, differing only in color. This Lily differs in color, having both light and dark blossoms..... **\$1.50**

Zanzabar Purple. A splendid day blooming tropic. Rich blue-purple blossoms, on long stems. Stamens very numerous, dark crimson..... **\$1.50**

Mrs. George H. Pring. Immense white flowers, opening early and staying open until late in the afternoon. Blooms until frost comes. When given room makes a wonderful growth. However it adapts itself to small space and blooms continually..... **\$1.50**

BLOOMS WONDERFUL

Dear Mr. Van Ness:

I am sending for another collection of Tropic Lilies like you sent me last spring. They are certainly wonderful blooming Lilies, all of them. Such large blooms ,and they do so well in Iowa.

Everyone thinks they are wonderful ,and last summer we gave each church around 50 or 60 blooms for their pulpits, besides sending to several sick people and to several friends.

You ought to drive out this summer and see how nice we can grow the Lilies from California.

Very sincerely,

M. W. CREAGAN, Centerville, Iowa.

Pool illustrated below.



Pool at the Plant of the Centerville (Iowa) Water Co., a Short Time After Being Planted with Lilies from Our Gardens

SPECIAL REMINDER

As stated under Tropic Lily heading, we do not ship Tropic Lilies until the weather is suitable for planting tender Lilies. Shipping earlier may mean the loss of the Lilies.

We keep in touch with the weather conditions throughout the United States and will ship as soon as it is safe to do so.

Special Hints for Care of Tropic Lilies

The size of the blossoms of Tropic Lilies depends on the soil and fertilizer. Should the blossoms get small toward the end of the season, take squares of soft paper, put one tablespoonful of blood meal in paper, push down well into the soil near the plant; tear paper open. Allow four or five to each Lily.



Pool of Gloriosa Lilies, Rock Wall Planted with Sedums, and Summer House Surrounded by Lily Pool

Tropical Night Blooming Lilies

These fascinating Lilies from India are, during the morning hours the most beautiful flower in the garden, and often stay open until noon. The flowers are larger than the average, often ten and twelve inches across. Some varieties open flat, some cup-shaped. The flowers begin to unfold early in the evening and are especially satisfactory to the working man or woman, who would not see the blossom of the day blooming varieties. They bloom quite freely in the small water garden. Shipping time same as day bloomers.



Make This a Real Beauty Spot

Geo. Huster. A brilliant red flowered variety, very large blossoms. The leaves are bronzy red crimped at the margins. A strong, free bloomer..... **\$1.50**

H. C. Haarstick. A very delightful Lily. Very conspicuous because of its large, well shaped blossoms of a vivid red, shading to rose pink. The stamens are rose color, and the leaves a rich bronzy red. A wonderful bloomer **\$2.00**

Mars. Flowers are an intense red. The petals are rounded at the point. The leaves a deep, rich red. Very attractive..... **\$2.00**

Rubra Rosea. A deep red, very similar to Geo. Huster. Petals wider and lighter in color..... **\$1.50**

Frank Trelease. A deep rose colored, narrow petaled variety: One of the hardiest, and also one of the best bloomers..... **\$1.50**

Devonese. A rosy red variety. The flowers are very large and open out flat. The leaves are a bronze color. A very popular variety..... **\$1.50**

O'Marana. Rosy, pink flowers of largest size, each petal having a distinct stripe, the effect being intensified by orange-red stamens. A free bloomer, the flowers often measure 10 inches across... **\$1.50**

Mrs. Hitchcock. The flowers are much darker pink than the O'Marana. The blossoms are very large. **\$2.00**

Mrs. Hutchings. Beautiful pink blossoms with curving petals. Bronze leaves so different as to be noticeable **\$2.00**

Dean. This is a shell pink Lily. Opens cup shaped and has very wide petals. Bronze colored leaves. Very popular..... **\$1.50**

Dawn. A Randig Hybrid, with pearl pink blossoms. Exceptionally large blossoms and leaves. Very wide petals **\$2.00**

Juno. Immense, pure white blossoms, opening very wide. Central dial solid mass of yellow stamens. A very free bloomer with glossy, green leaves, finely toothed at the edges **\$1.50**

Tanganyika. Snow white with yellow stamens. This Lily is star-shaped, and has deep green leaves, blue or underside..... **\$1.50**

Our Favorite Collection

Gladstone (large white)
Paul Hariot (sunset)
Chromatella (yellow)
Robinsonii (red)
Special price, Postpaid **\$3.25**

Upland Special

Aurora (sunset)
Chromatella (yellow)
Carnea (shell pink)
Special price, Postpaid **\$2.25**

24-Hour Collection

George Huster (red night blooming)
William Stone (deep blue)
Stella Gurney (orchid pink)
Postpaid **\$3.25**

San Antonio Heights Special

Rose Arey (cerise pink)
Gladstone (large white)
Paul Hariot (sunset)
Postpaid **\$2.50**

SACRED LOTUS

The beautiful and stately Lotus is perhaps one of the most interesting plants in the garden. Breathing the spirit of the Orient, this strange plant has been held in reverence and awe for centuries. This worship has been inspired because of the purity of the marvelous blossoms, springing from the mire. It is hard to describe this plant, with its mammoth green leaves, rising from one to four feet from the surface of the water, its wondrous flowers and its strange seed pods all combine to make them a source of great pleasure to the grower.

The bulb looks like a peeled banana, and the crown is at the long end of the bulb. The crown should be placed up with the bulb lying horizontally. Care should be taken not to break off the crown, as that renders the bulb worthless. The second year you will find the Lotus more beautiful than the first, so do not be discouraged with the first year's bloom. Cannot be shipped after June 1st.

Nelumbium Speciosum (pink). An excellent variety, very hardy and free growing. This is the true flower of the Egyptians, and possesses a strange, haunting fragrance..... **\$1.50**

Nelumbium Flavens. This soft yellow Lotus grows to immense size, is a good bloomer and is sure to please **\$1.25**

Double Red Lotus. (Pekinensis rubium plenum). Mammoth double red blossoms, often a foot across. As blossom ages it becomes lighter in color. A very choice variety..... **\$2.50**

Water Plant Collection

Floating Heart
Water Poppy
Double Arrowhead
Azure Pickerel Plant
Water Arum
Water Canna
3 varieties Grasses
Postpaid

\$1.50



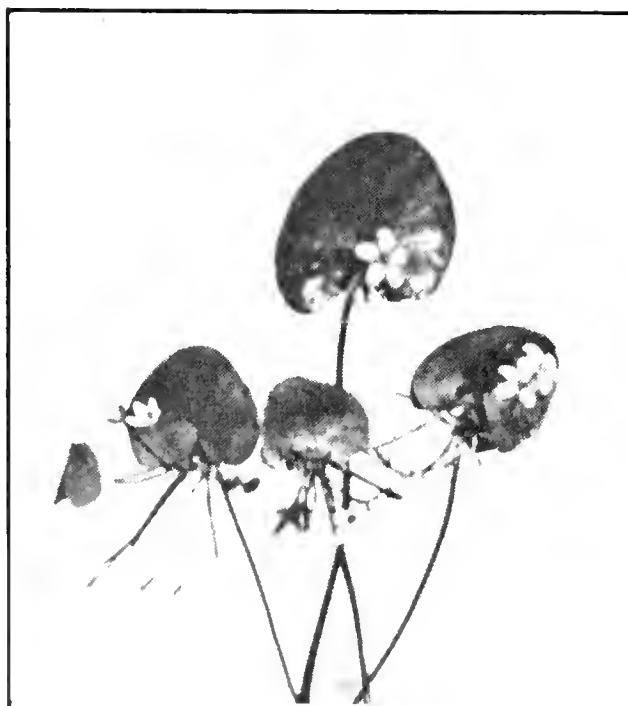
Sacred Lotus

Water Plants

FOR THE SMALL WATER GARDEN

These plants may be used in dishpans, tubs and half barrels as well as adding beauty to the larger pool.

Water Snowflake. A dainty little plant is the water Snowflake. The flowers are about an inch across and have five petals, each resembling a flake of snow. They will do well in six inches of water, either in pool or dish-pan **25c**



Snowflake

Floating Heart. Has bright yellow, fringed flowers of medium size, with leaves like a Pigmy Lily. Will do well either in deep or shallow water... **20c**

Water Poppy. An old favorite, with blossoms like a California Poppy. Each plant throws out runners, bearing blossoms all summer..... **10c, 3 for 25c**

Primrose Creeper. A trailing plant with blossoms like a primrose..... **3 for 25c**

Water Hawthorne. Snowy white flowers with the fragrance of the English Hawthorne. The flower is antler shaped and each antler flecked with black. The leaves are oblong and float on the water. Does well either in sun or shade. Blooms all winter in California and the southern states, **40c**

Water Hyacinth. Flowers a delicate orchid, in trusses like a Hyacinth. Does best in partial shade, or bound together and anchored in corner of pool. Splendid spawning bed..... **3 for 25c**

Azure Hyacinth. A trailing variety. Flowers a rich blue, with yellow eye. A rank grower, and makes a great showing soon after planting. Does well among the Lilies..... **35c**

Complete Your Pool with These Plants

Under this head we list such plants as grow in water, but send up leaves and blossoms above the surface. These add to the beauty of the pool, being used as centerpieces, or for corners. Many of them have very beautiful blossoms and all have very attractive foliage.

Sagittaria (latiflora). The leaves are broad, with long basal lobes. The flowers are pure white, about an inch in diameter. It grows luxuriantly in shallow water..... 20c

Sagittaria (sinensis). Grows freely and is a splendid plant for the Aquarium..... 2 for 25c

Water Plantain (Alisma plantago). Almond shaped leaves of bright green, borne about 3 feet above the surface of the water. Beautiful clusters of flowers resembling baby's breath..... 20c

Japanese Arrowhead. A shallow water plant, suitable for the corner of your pool, or for centerpiece, planting in box and raising to within a few inches of the surface. Has graceful, arrow shaped leaves and white blossoms with yellow center..... 20c

Double Arrowhead. A choice plant, similar to the Japanese arrow, except the flowers are tall spikes of snow white pompoms. A gem in your pool... 35c

Azure Pickerel Plant. This attractive plant grows from two to six feet tall and each heart shaped leaf has a spike of Delphinium blue flowers coming from the base. The buds are covered with a silvery sheen. A very fine plant, blooming throughout the entire season..... 35c

Pickerel Rush. Spikes of deep blue flowers borne in the center of heart shaped leaves. A continuous bloomer, growing about two feet high, and thriving in shallow water..... 15c

Yellow Iris. One of the necessary plants for your pool, the foliage making an artistic touch either in the center or in the corner. Has tall spikes of yellow blossoms. Thrives in water up to twelve inches, or will grow in moist ground..... 25c

Purple Iris. Similar to the above except in color, being a rich purple..... 25c

Thalia Delabata (Water canna). A tall, graceful plant with leaves similar to a canna, leaves maroon at the base. Flowers on tall arching stems, purple, with silver dust. Very attractive as a centerpiece for pool..... 35c

Zebra Grass. A very attractive plant of the rush family. Banded alternately with green and white. 25c

Equisetum. (Horse tail rush). The most attractive of the rushes. Shows distinct joints and is strong growing, not breaking so easily as other rushes. 35c

Primrose Willow. A beautiful, tall plant, with flowers like a primrose and leaves like a willow. Plant in shallow water and you will soon have a mass of bloom..... 25c

Papyrus. The stalks are triangular and attain a height of from 5 to 8 feet, having a tuft of thread-like leaves a foot in diameter. It does equally well either in two inches of water or as a marginal plant, making a good background for pools. Needs rich soil..... 25c

Water Arum. A hardy aquatic with leaves shaped like a Calla Lily, and pale green blossoms..... 25c

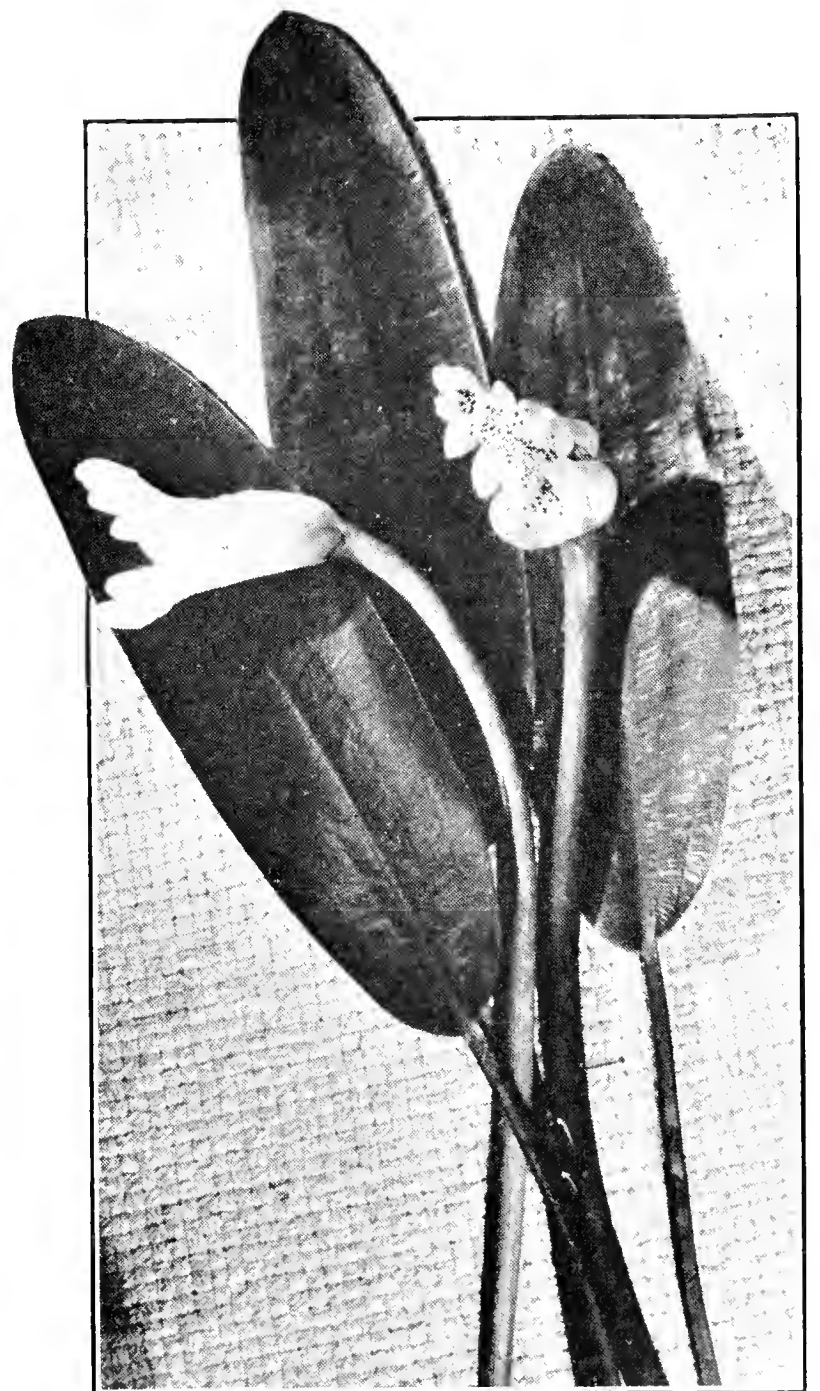
Umbrella Palm. A beautiful plant, growing about two feet tall, has slender stems with tuft of slender leaves, spreading out umbrella shaped. Does well either in shallow water or moist ground.... 20c

Giant Umbrella Palm. Similar to above except it grows six feet tall..... 25c

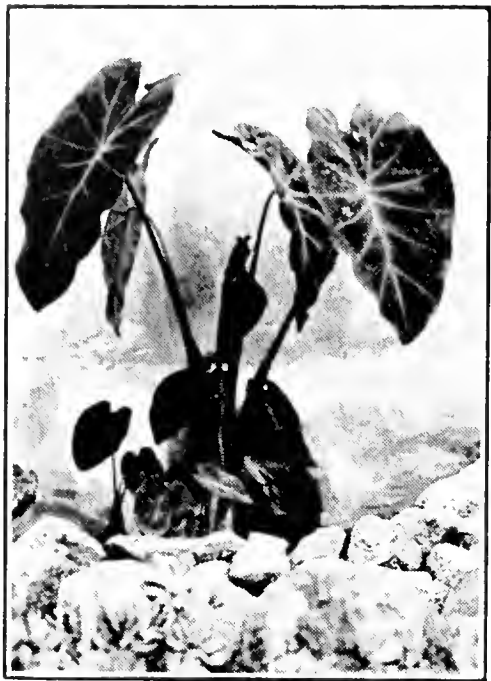
Water Chestnut. Grows freely in shallow water. Has dull green quill-like leaves, growing two feet tall..... 25c



Water Hyacinth



Hawthorne



Imperial Taro

Water Chestnut. A hardy plant resembling Water Fern, with mottled red leaves. The large seeds are spiked and armoured and fall to the bottom of the pool when ripe. A very attractive plant... **35c**

Imperial Taro. The finest of the Taros. The leaves are almost a velvety black, and grow very large. They do best in two inches of water, making an excellent centerpiece for the pool, or making a satisfactory house plant, if potted and set in Jardinere of water... **50c**

Elephant Ear. Large green leaves, often growing six feet tall. Thrives either in shallow water or moist soil. May be kept small by planting in small container... **40c**

Water Forget-Me-Not. This will grow either in shallow water or garden soil that does not become dry. Blooms all summer and fall... **15c**

Scavengers for the Pool

Water Snails are necessary for the pool, as they feed on the decayed vegetation, and clean up the green Algae that forms on the walls. A few pair will soon stock up your pool.

Japanese Trap-door Snails. The largest and hardiest of all snails. Very satisfactory. These are mammals and we are careful in selecting them in pairs. Pair... **25c**

Rams-horn Snails. A very long lived water snail, and especially good in clearing up the green scum in pools. **3 for 10c**

Red Rams-horn Snails. These snails are a beautiful red and very showy in an Aquarium, **10c each**

FISH. We have a good assortment of Gold Fish which may be purchased at our Gardens at very reasonable prices. However, we do not ship Fish.

Fish Food. We have a properly balanced Fish Food, that has all the ingredients necessary for keeping your fish in good health. They should be fed only twice a week, as most of the ills of fish are caused by over feeding. **Fish Food, pint, 25c.**

Taking Care of Fish. Never place fish in fresh water from the faucet. In changing and cleaning fish bowl or Aquarium, pour all the water possible from bowl into a dish; remove fish from bowl into this water. After cleaning bowl, return this water with fish into bowl and add a little fresh water each day. If bowl is planted with water grasses, using clean washed gravel to plant in, it will not be necessary to clean bowl oftener than once in three months. Have a pair of snails to clean up Algae. Do not crowd your fish. A good way is to figure one gallon of water for each inch of fish, not counting tails.

Plants for Your Fish

These very useful plants help to keep the pool in natural balance, supplying oxygen to the water. Where fish are kept they give a perfect balance so the water rarely needs changing. A few bunches among the Lilies are indispensable for the health of the fish.

Vallisneria (Ell grass). Long, ribbonlike leaves that come to the surface of the water. Pretty in an Aquarium. Bunch... **15c**

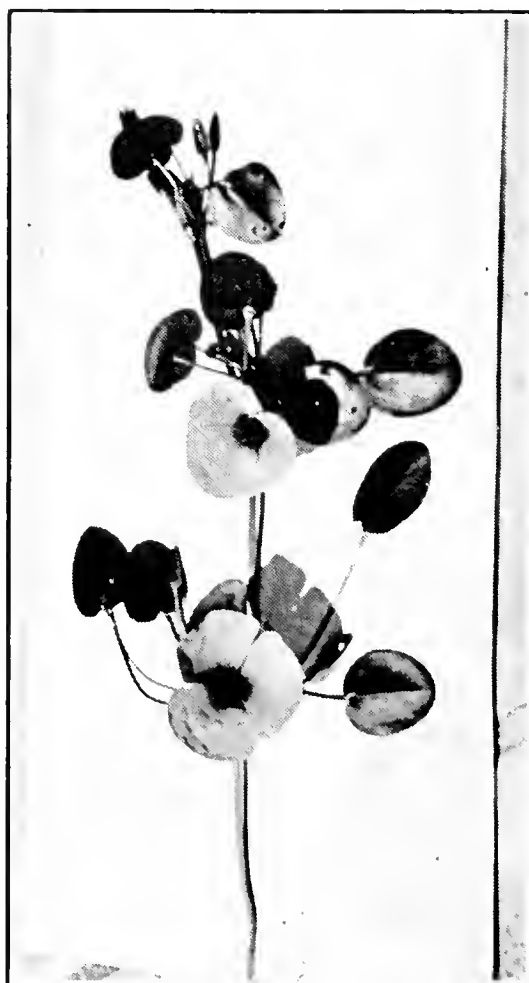
Anacharis. (Giant). The most used for the Aquarium. Graceful long stems with whorls of deep green leaves. Dainty, white blossoms. Very good for pool, keeping the water clear and necessary for the health of the fish. Bunch... **10c**

Myriophyllum. A pretty aquatic with fine, hairlike leaves. Good for the fish and makes a good spawning bed... **bunch 15c**

Parrots Feather. Is a favorite aquatic plant, for the Aquarium and for Fountain basins. A beautiful plant, having light green, feathery leaves. Can be used in water-tight hanging baskets. Bunch... **10c**

Ludwigia. This is one of the important aquarium plants because of its decorative value and pronounced individuality. When kept in a strong light the under sides of the leaves become a bright red. Bunch... **10c**

Duckweed. The smallest floating water plant. Fish like it. Also a good oxygenator. Portion... **10c**



Water Poppy



Echium

Echium. One of the most magnificent plants for a sunny location, with good drainage. The blossom a glow of bright pink, often attaining a height of 8 feet. A clump, as shown here will stop traffic with its outstanding beauty. Somewhat tender, but can be grown anywhere in Southern California or the Southern States. 4 inch pots.....**35c**

IRIS

Iris is especially adapted to the poolside, seeming to belong there, and when not in bloom the foliage is very attractive. We have several choice varieties, among them the following are listed:

Loreley. Standards, bright yellow. Falls, reddish blue. Very showy. 24 inches high.....**25c**

Mme. Cherii. One of the finest blended tones, being an orchid pink, with a yellow undertone. At a distance the effect is almost a decided pink.
25c

Lohengrin. Lavender blue. Standards pale. Falls edged in deep blue in perfect "blanket stitch."
25c

Yolande. Falls, velvety pansy blue, black veins. Very beautifully formed flowers of heavy substance. Excellent for massed effect.....**25c**

Cretonne. Standards blue. Falls rich purple. One of the older varieties that is still popular—
15c, 2 for 25c

Kochi. Deep rich purple, the buds being nearly black. Blooms very early and sometimes the second time during the season.....**3 for 25c**

Knysna. Deep bronzy standards and reddish brown falls.....**15c**

Queen Caterina. A superb variety, growing three feet in height. Flowers a pale lavender, blue. Splendid for tall planting.....**25c**

MARGINAL PLANTS

Fountain Grass. Narrow, graceful blades. Grows in clump to height of two feet. Feathery plumes, shaded with red. One of the finest poolside plants.....**25c**

Torch Lily. (Tritoma). Tall spikes of brilliant red flowers. One of the showiest in this group.....**25c**

Day Lily. Bright yellow Lily, blooming in the spring. Foliage green the year 'round.....**25c**

Lopezia. (Mosquito Bush). A pretty little trailing Mexican plant, with fine bronze leaves and small pink blossoms in great profusion. Flowers shaped like a mosquito. Blooms almost continuously. Should have plenty of sun.....**15c**

Star of Bethlehem. Low growing plant with stiff green foliage. Snow white, star shaped blossoms. Very attractive.....**15c**

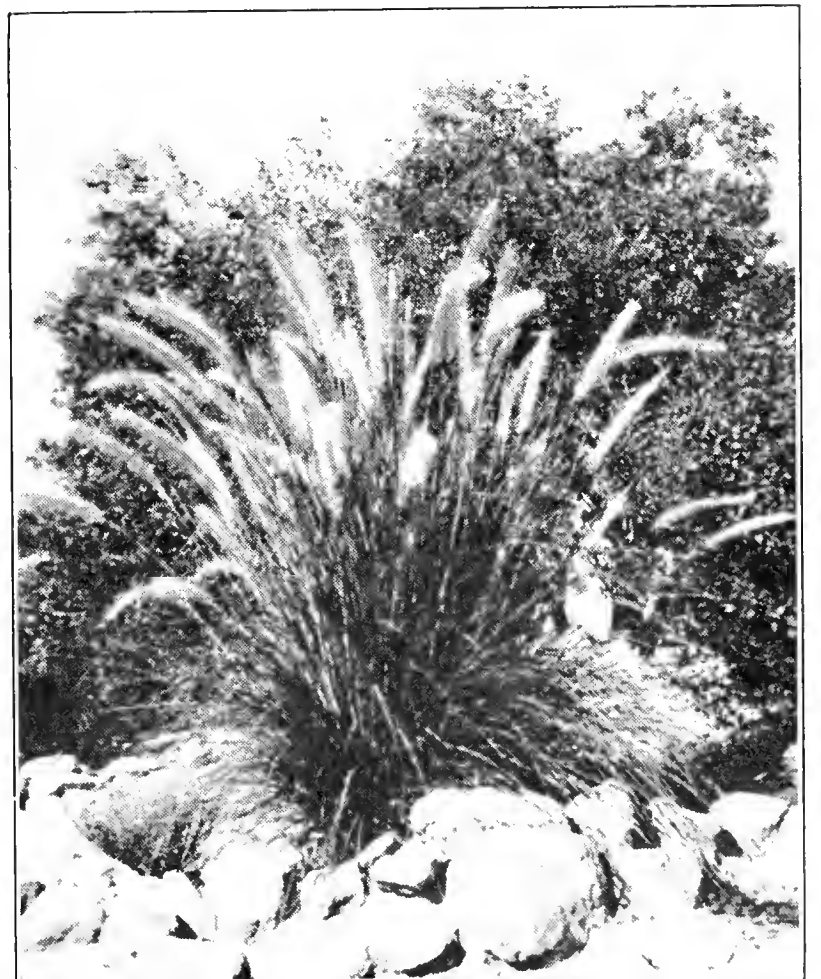
Ribbon Grass. A low growing grass with pretty striped leaves in green and white. Makes a good showing in clumps at edge of pool. You will like this plant.....**15c**

Mullen Pink. A perennial which is most satisfactory, needing only good drainage and little water. A glow of cerise pink blossoms in the spring. Foliage grey-green.....**15c**

Poolside Collection

Fountain Grass
Torch Lily
Day Lily
Ribbon Grass
Umbrella Palm
3 varieties of Iris
Our selection
Postpaid

\$1.25



Fountain Grass



Rock Gardens

Rock gardens are especially suited to California landscapes. A garden, large or small, should it have the slightest slope may be beautified by devoting at least a corner to this type of planting.

In building a Rock garden, one should produce a mountain condition as near as possible. The most important requirements are a sunny, sloping position, somewhat protected from extremely hot sun and wind. Then be careful to have good drainage, using broken brick, coarse sand and small rocks, to assure yourself of this very important feature. In placing your rock, be careful to keep them looking naturalistic, as the whole effect will be spoiled, otherwise. Throw your rock down and allow them to roll into position, and partially bury them, as they should not be the outstanding feature of your rock garden, but rather the background.

The soil for the rock garden should be two parts garden soil, one part coarse sand and one part leaf mould.

The Sedums and different varieties of succulents are well adapted to the Rock Garden, and need less care than almost any other plant, needing only enough water to keep them plump looking. They are a never-ending source of surprise, having such unusual blossoms, coming out in such unexpected parts of the plant. Some of them are also good ground covers. They are an ideal house plant, thriving in the dry atmosphere that is usually so hard on potted plants. They may be enjoyed out-of-doors during the summer months and taken up in the fall and planted in the pottery so popular at the present time, and made a beauty spot in your living room during the winter months. We can recommend any of the Succulents listed in our Catalogue.

MESEMBRYANTHEMUM

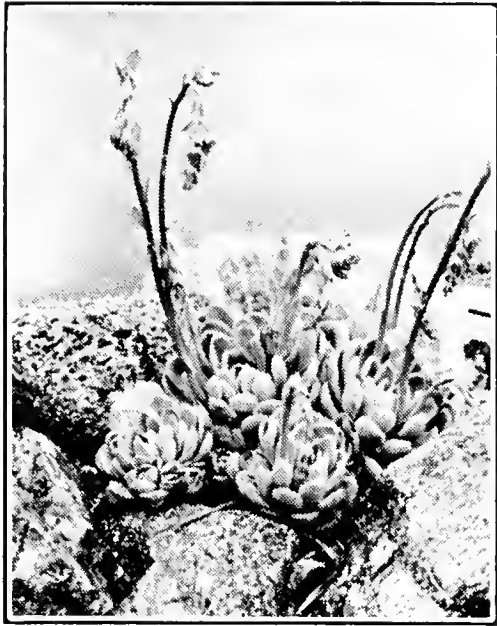
- M. Deltaides.** Thick green leaves. Yellow blossoms resembling a dandelion 15c
M. Bombordo. Low growing, dense dark green leaves 15c
M. Conmaum. Thick, triangle shaped leaves, light green. Very attractive 15c
M. Alstonii. A winter flowering variety of rather slow growth, giving the effect when in full bloom of a bed of early red tulips and deserves a place in every garden 25c
Ajuga Repens. Not a Mesembryanthemum, but listed here as a splendid ground cover, being a dense creeping plant with glossy green leaves and blue flowers. Fine for rock gardens and for covering shady ground where grass will not grow. Grows 3 or 4 inches high and blooms from April until June 15c

EUPHORBIA

- Euphorbia Tirucali.** A large bush, with branches resembling a pencil. Devoid of leaves 25c
E. Ceriformis. Creased with red. Spikes beautiful 25c

SEMPERVIVUM

- S. Cooperii.** Bushy growing, each branchlet a rosette of red-margined leaves 25c
S. Calcareum. Forms compact little groups. Leaves tipped with dark red 10c
S. Tectorum. Very dark green double rosettes, 15c
S. Setosum. Twelve inches tall. Deep green foliage 25c
S. Arboreum Purpureum. Grows two feet tall. Leaves rosettes of rich purple 25c
S. Tabulaeforme. Leaves bright green. Very dense flat rosettes of large diameter 25c



Echeveria
ECHEVERIA

- Echeveria Elegans.** The whole plant silvery. The blossoms are much admired. One of the most beautiful succulents.....25c
- E. Funki.** Leaves undulate, grey, green. Very handsome.....20c
- E. Lingetolii.** Leaves tinged with red. One of the choicest.....25c
- E. Scaphiphylla.** Close green rosettes. A rare variety.....25c
- E. Winbergii.** (Ghost plant). Leaves fleshy, pink-white. One of the best succulents for a house plant.....20c
- E. Hovey.** Beautiful plant with the leaves striped in green, pink and white.....25c
- Echeveria Flammea.** A tall growing plant, with bronzy red leaves and clumps of bell shaped blossoms on long stems.....25c

**Queen
of the Night**

Phyllocactus Latifrons.

(Epiphyllum oxypetalum)

"It was the appearance in a daily newspaper of a picture of this flower under the name of Night blooming Cereus, which caused the organization of the Cactus Society of America. This plant, when well grown and fed, may be shown with two or three hundred flowers during its blooming season of several weeks . . . In my opinion nothing in the Floral world approaches them for sheer beauty, and a single plant will stop traffic at your door."

Description taken from "The Cactus Book" by Arthur D. Houghton, President Cactus and Succulent Society of America.

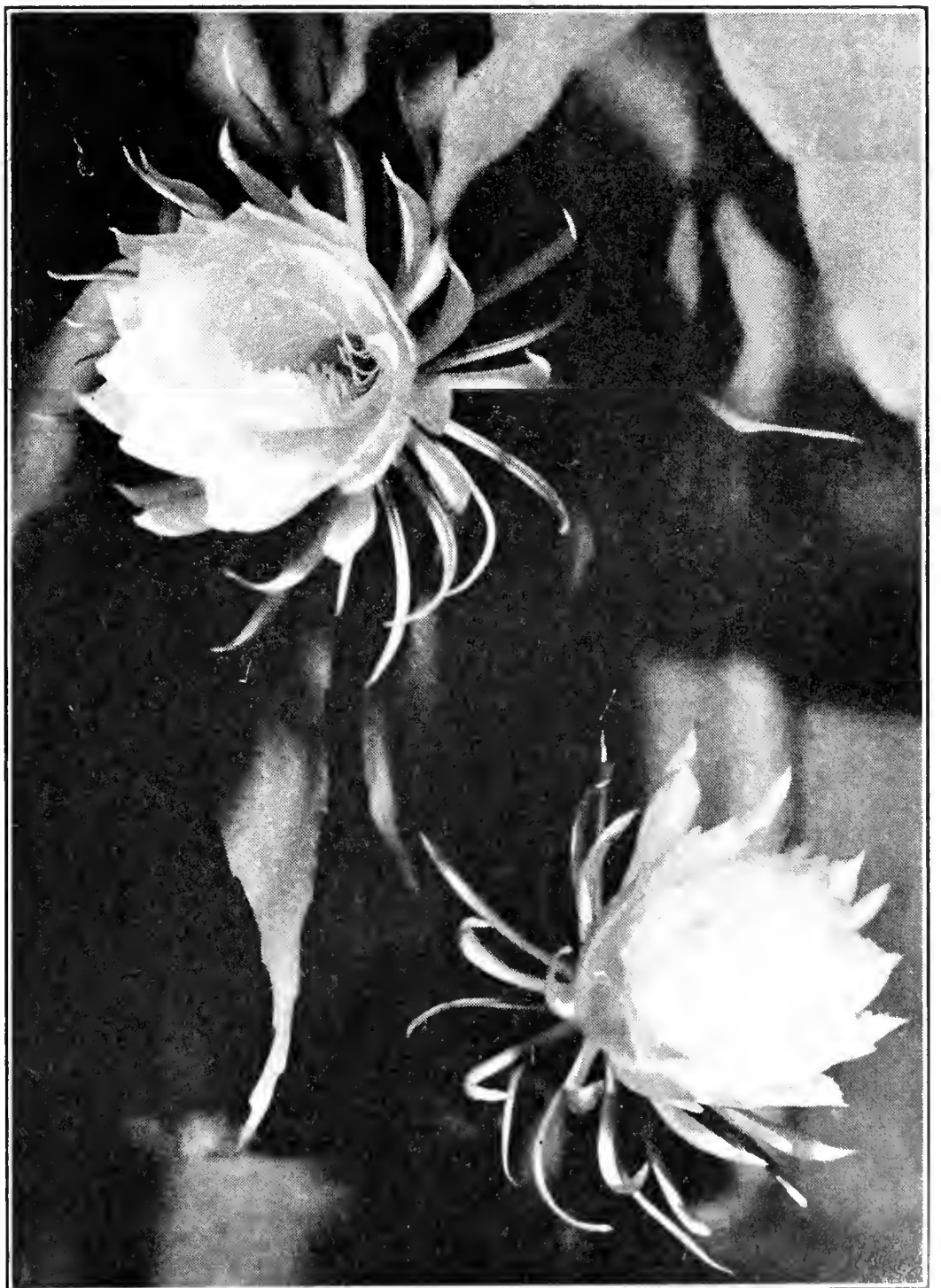
Well rooted plants \$1.00

SEDUMS

- S. Adolphae.** The entire plant is golden yellow. Should be in every rock garden.....10c
- S. Crestato.** A bushy variety, growing about 12 inches high, and the whole bush is crested, spreading out like a fan.....10c
- S. Stahli.** The whole plant is of the vining variety, resembling red beads. Yellow flowers in the spring.....10c
- S. Altissimum.** Greyish green, mossy appearing. White blossoms 12 inches tall, in the summer. A good ground cover.....10c
- S. Album.** Thick, waxy leaves, dark green, 4 to 6 inches high; of the spreading variety.....10c
- S. Pachyphyllum.** Thick, waxy leaves, green with red tips. Sometimes called baby-fingers.....15c
- S. Praetum.** A large bushy species, with showy yellow flowers in the spring.....15c
- S. Guatemalensis.** (Christmas cheer). A beautiful new sedum with green leaves, becoming bright red in the sun. A beautiful little plant in a bowl.....15c
- S. Mexicanum.** A bright yellow foliage. Grows about six inches tall and has yellow flowers,.....15c

KALANCHOE

- K. Kwensis.** Shrubby, large leafed plant. Very ornamental.....25c
- K. Marmorata.** Large rosettes of grey-green leaves, mottled with maroon. Flowers large, white.....25c
- K. Somaliensis.** Large leaves, tinged with orange-red. A fine plant.....25c
- K. Peldenschenkoi.** Large, bushy variety. The whole bush a glow of old rose. One of the finest of the Kalanchoes.....25c



ALOES

- A. **Nobilis**. Thick, green leaves. Forms large groups 25c
A. **Saponaria**. The leaves are banded ,white and green 25c
A. **Bedinghausii**. Leaves beautifully spotted with white 25c
A. **Mitraeformis**. A handsome plant covered with blunt prickles. Makes very dense clump 25c
A. **Partridge breast**. A well known and greatly admired variety. Green and white mottled leaves. Bright red flowers. Small plants 25c
A. **Tree**. Grows in large clumps. Flowers brilliant red, blooming at Christmas time 35c
A. **Eru**. Rare. Long, green leaves tinged with red. Edged with fine red teeth 50c
A. **Ciliaris**. The climbing Aloe. Reaches a height of 10 feet. Flowers bright red, in long bunches like a penny firecracker 50c

KLINEA

- K. **Articulata**. Candle plant. Stems very thick, grey-green. Leaves at upper end of plant if well watered 15c
K. **Radicans**. A trailing plant with tapering leaves and yellow blossoms 15c
K. **Mandaliscas**. Leaves cylindrical, long, tapering and almost blue in color 20c

GASTERIA

- Gasteria**. Broad, blunt leaves, spotted with light green ,arranged like a fan. Small plants 25c
G. **Varigasa**. (Ox tongue). Handsome, tongue shaped leaves. Marbled with white. Tall spikes of dainty flowers 25c



CACTUS

- Opuntia Bassilaris**. The beaver tail. Spineless joints, usually of a purplish color. Makes low groups, simply smothered in flowers. Unrooted cuttings most satisfactory 15c
O. **Nopalea Dejecta**. Long slender joints, ultimately forming a small tree. Splendid bloomer. Unrooted cuttings 15c
O. **Microdasys**. Spineless, dull green leaves covered with bright yellow dots of bristles. Very fine. Cuttings 25c
O. **Cylindrica**. Stout, bright green cylindrical joints, short spines. Grows quite tall. In background of Cactus picture 15c
Cereus Formosus Monstruosus. One of the prettiest and most monstrous forms of Cactus. Green with rich brown spines 50c



Partridge Breast Aloe

CRASSULAS

- C. **Tetragona**. Thick, glossy foliage. Forms a small bush. Leaves set with great regularity of four along the entire stem 10c
C. **Naneonesis**. Thick, spotted leaves. Red flowers. 25c
C. **Impressa**. A very showy, small species with sharp pointed leaves and very showy dark red flowers 25c
C. **Perfosa**. Heart shaped leaves strung like a string of beads 25c
C. **Cardiflora**. A low growing, bushy variety. Leaves shaded with red. Small red flowers 25c
C. **Pseudolycopodiodes**. Leaves minute, closely pressed into the stem. A good ground cover 10c
C. **Portulacea**. In time, grows to a large size with thick, heavy trunk. Leaves glossy green with red margins. Flowers pink 25c

MISCELLANEOUS SUCCULENTS

- Aeonium Arboreum**. A tall, bushy plant, with terminal rosettes of light green 20c
Aeonium. Cilatum. A very large rosette on long stem 25c
Haworthia Cymbaformis. Low growing, fleshy, transparent leaves. Sometimes called window plant 15c
Altamiranoa Elongata. A very attractive, mossy variety, having long cone shaped leaves 15c
Cotyledon. Broad, silvery leaves distinctly edged with red. Great clusters of orange-red flowers, silvery powdered 25c
Rochea Falcata. A fan shaped, rather tall growing plant. Dull green leaves. Brick red blossoms which last for weeks. Very satisfactory 40c
Portulacaria Afra. A fine rock plant with red stems and small round leaves arranged like Maiden-hair fern. A splendid plant for hedges near the coast 25c
Stapalia. Starfish flower. Startling star shaped flowers, dark yellow, spotted with brown 15c
Giant Stapalia. The blossoms of this amazing plant are often 12 and 14 inches across, being three or four times as large as the plant itself 50c
Billbergia. A lily like plant in shape, leaves long and drooping. Flowers multi-colored and strikingly beautiful 25c
Agave Americana. Variegata marginata. Century plant margined with yellow 25c
Agave. Medio picta. Yellow, edged with green. 50c

Rock Garden Collections

No. 1

Euphorbia Cereformis
Stapalia (Star Fish)
Aloe Mitraeformis
Sedum Stahl
Echeveria Funki
Postpaid.....\$1.25

No. 2

Cactus (our selection)
Sedum Crestato
Echeveria Winbergii
Crassula Perfosa
C. Pseudolycopodiodes
Klinea Radacans
Sempervivum Cooperii
Echeveria Funki
Window Plant
Postpaid.....\$1.25

No. 3

Good for House Plants

Candle Plant
Aloe Saponaria
Cotyledon
Billbergia
Kalanchoe Kwensis
Arboreum Purpureum
Postpaid\$1.00

No. 4

Sedum Praealtum
S. Pachyphyllum
S. Crestato
Sempervivum Cooperii
Echeveria Elegans
E. Winbergii
Portulacaria Afra.
Aloes Bedinghaussi
Stapalia Star Fish
Postpaid\$1.25

It's Easy to Build Your Own Pool

Location . . . The pool should be exposed to full sun, and should not be built too close to such trees as Pepper, Walnut or Fig, as the leaves have a strong acid content and, falling into the pool will injure the fish.

Lilies cannot be expected to bloom unless the sun shines into the very heart of them for at least part of the day.

After deciding on location of the pool, a very good way to plan the size and shape is to use the garden hose, tracing on the ground the exact plan you desire. We suggest that you make your pool as large as your space will permit, as there are so many water plants you will want room for.

For the front yard the formal pool will best fill the requirements of good design, but for the back yard the informal pool works out beautifully with a rock garden.

An informal pool is much easier and less expensive to build than a formal one, as it can be built without forms.

For an informal pool, after deciding on size and shape, dig out soil to the depth of two feet and level off. Shave side walls as near perpendicular as possible. (This is important, as cats are very fond of fish, and if the wall slopes very much the fish come to the edge and are a prey to the "fishermen.")

Tamp walls and floor of pool and reinforce with heavy fencing wire, covering walls and floor.

The concrete should be poured continuously, so there will be no joints, and as it is poured the re-inforcing should be pulled up to the center of the layer of concrete, thus making pool stronger and less apt to crack.

In building a formal pool, by excavating very carefully to the exact size and shape of pool, and carefully trimming the edges, there will be no necessity for an outside form. Allow about six inches for walls and build outside form. The walls should be reinforced, and after cement is poured allow it to harden until the next day; remove forms and pour bottom of pool. Finish as directed below.

Cement . . . The proper mixture of cement is: One shovel of cement to five of sand; or use pea gravel in equal proportion with sand, the proportions being one to five in either case. Dry mix well, then add enough water to make rather a stiff mixture. Where heavy freezing may be expected, the concrete should be 6 inches thick; in mild climates 3 inches is ample.

As concrete is poured, it should be well tamped to take out porous places and thus insure yourself of a water tight pool. Allow cement to become thoroughly set, then apply a thin coat of one part cement and three parts screened sand, and when this is hardened apply a coat of paint made of pure cement. Be sure to keep cement moist as it hardens, by spraying with a fine spray at intervals, as the slower cement hardens

the stronger it will be.

After pool is thoroughly set it may be filled with water, filling very slowly. Allow water to stand in pool for a week to soak out the alkali; drain off and sweep thoroughly when dry and pool is ready for planting.

Culture of Water Lilies

Water Lilies are among the easiest flowers to grow. About the only attention they need after planting is to watch the water level and break off dead leaves. No constant watering to think of, or worry about when planning a vacation. Just leave a drip in your pool and go away for a month knowing that when you return you will find everything in perfect condition.

Soil and Fertilizer . . . Any good garden soil will do for Water Lilies. The best fertilizer being WELL ROTTED dairy fertilizer. Be sure it is well rotted or it will ferment and muddy the pool and rot the lily pads. Should it be impossible to obtain well rotted manure, we recommend bone meal. In spreading fertilizer (if dairy), place on bottom of pool or box to depth of 3 or 4 inches; then cover with 6 or 8 inches of soil, according to the depth of pool. In using commercial fertilizer, mix well with 4 inches of soil on bottom of pool, allowing 1½ lbs. to each wheelbarrow of soil, then fill to depth of 10 or 12 inches with plain soil; this precaution being taken to keep fertilizer from discoloring the pool.

In large pools, if desiring to plant in boxes, the boxes should be 2x2 ft. and 1 ft. deep if possible. It is not necessary to have a bottom in the box, but care should be taken, however, to place a weight on the corners until box is well soaked or it will float away when pool is filled. Do not use redwood when making boxes as acid is not good for the fish. Use pine, which will last for years in water.

Planting . . . Hardy Lilies should be planted **horizontally** and with the crown just out of the sand. Tropic Lilies should be planted upright and at the same depth as before, being shipped as potted plants. Be careful that leaves do not become dry on Tropics or they may not recover.

Lotus tubers should be planted horizontally, care being taken to not break the crown off. A space should be bricked off for Lotus as they crowd other plants out if allowed to grow freely in the pool.

In wild planting, to fill the pool for the first time, it is a good plan to wet the soil with a fine spray, after the Lilies are set, then lay a burlap sack down and place hose on this and fill very slowly. This does not disturb the planting and you will have a nice clear pool.

A pool 4x6 ft. will accommodate three or four Lilies as well as several Water Plants. When receiving plants, do not allow them to become dry but place in water or cover with burlap sack which has been moistened.

If planning to plant Tropic Lilies in boxes, it is a good plan, if planting Hardy Lilies in the early spring, to place the boxes for Tropics in the pool at that time, and when weather permits of planting Tropics they may be easily planted. Tropics as shipped as 4 in pot plants, and to plant them in pool, take 4 inch pot and press down in soil, remove pot and place Lily in hole thus made and you will not muddy the pool. Do not plant Tropics in fresh water; fill pool a few days before to allow water to become warm.

Planting Time . . . Hardy Lilies may be planted any time, in mild climates. In California they begin to grow early in January and we can ship at any time suited to your locality. We advise planting after April 1st in eastern and mid-western states, and later in northern States and Canada. Tropic Lilies should be planted only after an average temperature of 70 degrees is maintained. Earlier planting may cause them to go dormant and you will lose many weeks of bloom. Late planting is much safer.

Winter Care . . . Hardy Lilies can be safely wintered over right in the pool, provided the roots do not freeze. Just leave the water in and do not allow it to become low. In extreme cold climates cover with boards and give an extra covering of straw. In that case, it is wise to remove the fish, keeping them in tubs until warm weather arrives. Should it seem advisable to lift the Lilies before cold weather arrives, they may be stored in a cool cellar, being careful that they do not dry out, as dry rot will be sure to attack them and they will be lost.

Spring Cleaning . . . Early in the spring, before Lilies begin to grow, all debris should be cleaned out of the pool. It is not necessary to remove the soil or drain the pool oftener than once in two years, if Lilies have been planted directly in the pool. If boxes have been used the Lilies will have used all the strength from the soil and will have to be replanted. In this case, the Lilies should be emptied from the box, new soil and fertilizer used and replant Lilies as previously directed. All cleaning and replanting should be done early in the spring or fish spawn will be lost.

Insect Enemies . . . Water Lilies are practically free from pests, Aphis being the most troublesome. This may be kept off the Lilies by spraying with the hose; then fish will eat them. The main thing is to begin spraying at the first sign of Aphis.

Muddy Pools . . . The water in a new pool often becomes muddy looking. This will clear up in a short time if a quantity of Oxygenating plants are used, such as Anacharis, Sagittaria, Vallisneria and Parrots-feather. All submerged plants gain nourishment from the water and will soon absorb the excess of fertilizer which may have caused the discoloration. Place a hose or drip in the pool, which will also help to overcome this condition. It is wise to have a good supply of snails in the pool to help clean up Algae and keep the water pure.

Large fish are apt to burrow in the mud and keep a pool stirred up; covering the boxes of Lilies with one inch of sand will keep them from stirring the pool up, but smaller fish are more satisfactory.

Mosquitos . . . There will be no annoyance from mosquitos if you have a dozen fish for each 6 feet of pool. They very effectively destroy mosquito larva.

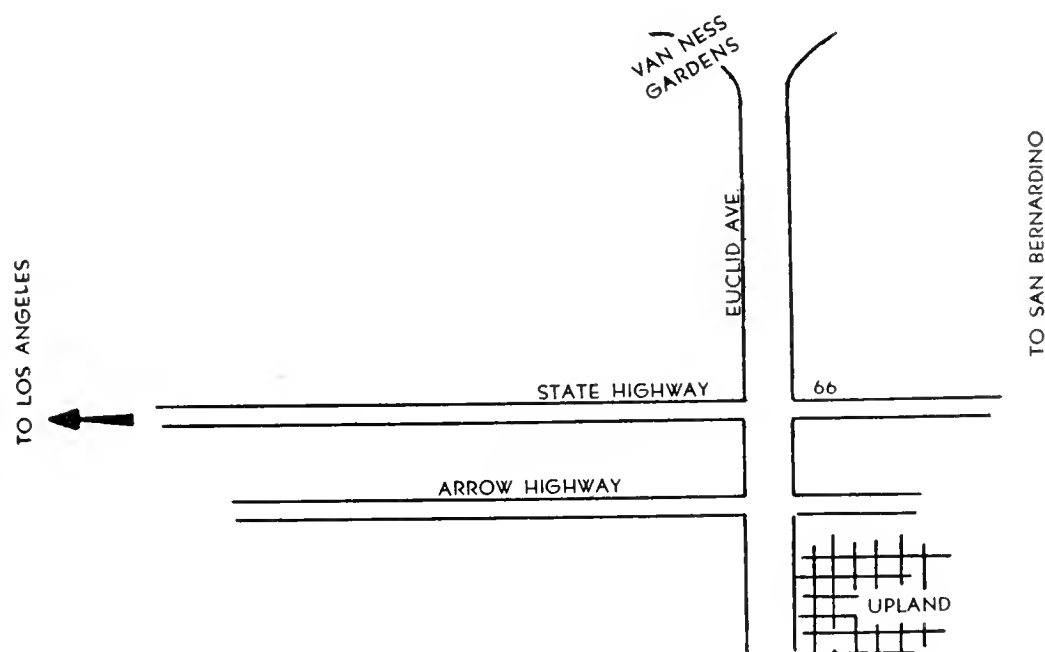
How We Ship Lilies

We ship Parcel Post except on large orders, which are shipped by Express. We guarantee safe arrival of all plants shipped.

We also guarantee our plants to be true to name and to be delivered to you in good condition. All complaints should be made within 10 days after plants are received. Our climate permits us to dig Lilies for very early shipment, thus assuring the purchaser of blossoms at least six weeks earlier than from colder climates. We can ship at any date suited to your locality. We grow our own Lilies, and our ideal climate causes the Lily bulbs to be stored with bloom and makes them hardier than anywhere else in the United States. Our Lilies are full of buds in February.

OUR TERMS: P. O. Order or Bank Draft must accompany each order. Make payable to VAN NESS WATER GARDENS, R.D. 1, Upland, Calif. No orders sent C.O.D. unless 50% of value of order is enclosed.

All orders are sent Postpaid except those of less than \$1.00. In that case please add 10c to help defray packing and postage costs. 3% Sales Tax should be added to all California orders.



How to Get to Our Gardens

Coming on National Highway No. 66, turn north on the beautiful Euclid Avenue (double drive). Take west drive at 24th Street. Follow drive past Community Church. First stop . . . Visitors welcome.

Those within driving distance will enjoy a visit to our Gardens, which are becoming one of the beauty spots of the Southland; eastern visitors being brought here as part of a sight-seeing trip. We are always glad to escort visitors over our display grounds, but during our busy season we invite you to come and enjoy yourself, even should we be too busy to accompany you.



Van Ness Water Gardens

Panama Pacific



H. C. Haarstick Night Blooming Tropic